## **DECLARATION AND POWER OF ATTORNEY** FOR PATENT APPLICATION

ATTOMNEY DOCKET NO. 10004032-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

| I believe I am the origin<br>joint inventor (if plural<br>patent is sought on the<br>AUTOMATION-OPTIMIZ  | names<br>inventi  | are listed below) of thon entitled:  | nly one name is listed<br>e subject matter wh  | below) or an origina ich is claimed and fo   | l, first and<br>or which a                         |  |  |
|--|---|--|--|--|--|--|--|
|  |   |  |  | ¥  |  |  |  |
| the specification of which is attached hereto unless the following box is checked:   |   |  |  |  |  |  |  |
| (X) was filed on <u>Jan. 31, 2001</u> as US Application Serial No. or PCT International Application Number <u>09/775,375</u> and was amended on (if applicable).   |   |  |  |  |  |  |  |
| I hereby state that I h<br>including the claims, a<br>disclose all information   | s amen  | riewed and understood<br>ded by any amendmen<br>is material to patentabil  | it(s) referred to abov   | e. I acknowledge th  | ecification,<br>ne duty to                         |  |  |
| Foreign Application(s) and/or  | Claim of  | Foreign Priority   |  |  |  |  |  |
| inventor(s) certificate listed b   | below and   | s under Title 35, United Stat<br>d have also identified below a<br>tion on which priority is clain   | any foreign application for  | any foreign application(s)<br>patent or inventor(s) certi  | for patent or<br>ficate having                     |  |  |
| · COUNTRY  |   | APPLICATION NUMBER   | DATE FILED   | PRIORITY CLAIMED UNDER 3   | 5 U.S.C. 119                                       |  |  |
|  |   |  |  | YES: NO:   |  |  |  |
|  |   |  |  | YES: NO:   |  |  |  |
| Provisional Application  | •   |  |  | •  |  |  |  |
| I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:   |   |  |  |  |  |  |  |
| •  | AP  | PLICATION SERIAL NUMBER  | FILING DATE  | <b>–</b>   |  |  |  |
|  |   |  |  |  |  |  |  |
| •  |   |  |  |  |  |  |  |
| U. S. Priority Claim   |   |  |  | •  |  |  |  |
| I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and,   |   |  |  |  |  |  |  |
| I hereby claim the benefit u   | nder Title  | 35, United States Code, Se   | ection 120 of any United   | States application(s) listed   | d below and,                                       |  |  |
| insofar as the subject matter  | r of each   | of the claims of this applica  | tion is not disclosed in th  | e prior United States appli  | ication in the                                     |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl  | r of each<br>t paragra <sub>l</sub><br>le 37, Co  | of the claims of this applica<br>oh of Title 35, United States<br>de of Federal Regulations, Se  | tion is not disclosed in th<br>Code Section 112, I ack<br>ction 1.56(a) which occur  | e prior United States appli<br>nowledge the duty to disc   | ication in the<br>close material                   |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl<br>application and the national of   | r of each<br>t paragrap<br>le 37, Coo<br>or PCT int   | of the claims of this applica<br>ph of Title 35, United States<br>de of Federal Regulations, Se<br>ternational filing date of this a   | tion is not disclosed in th<br>Code Section 112, I ack<br>ction 1.56(a) which occur  | e prior United States appli<br>nowledge the duty to disc   | ication in the<br>close material                   |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl  | r of each<br>t paragrap<br>le 37, Coo<br>or PCT int   | of the claims of this applica<br>oh of Title 35, United States<br>de of Federal Regulations, Se  | tion is not disclosed in th<br>Code Section 112, I ack<br>ection 1.56(a) which occur<br>application:   | e prior United States appli<br>nowledge the duty to disc   | ication in the<br>close material                   |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl<br>application and the national of   | r of each<br>t paragrap<br>le 37, Coo<br>or PCT int   | of the claims of this applica<br>ph of Title 35, United States<br>de of Federal Regulations, Se<br>ternational filing date of this a   | tion is not disclosed in th<br>Code Section 112, I ack<br>ection 1.56(a) which occur<br>application:   | e prior United States appli<br>nowledge the duty to disc<br>red between the filing dat   | ication in the<br>close material                   |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl<br>application and the national of   | r of each<br>t paragrap<br>le 37, Coo<br>or PCT int   | of the claims of this applica<br>ph of Title 35, United States<br>de of Federal Regulations, Se<br>ternational filing date of this a   | tion is not disclosed in th<br>Code Section 112, I ack<br>ection 1.56(a) which occur<br>application:   | e prior United States appli<br>nowledge the duty to disc<br>red between the filing dat   | ication in the<br>close material                   |  |  |
| insofar as the subject matter<br>manner provided by the first<br>information as defined in Titl<br>application and the national of<br>APPLICATION SERIAL NUMB  | r of each<br>t paragrap<br>le 37, Coo<br>or PCT int   | of the claims of this applica<br>ph of Title 35, United States<br>de of Federal Regulations, Se<br>ternational filing date of this a   | tion is not disclosed in th<br>Code Section 112, I ack<br>ection 1.56(a) which occur<br>application:   | e prior United States appli<br>nowledge the duty to disc<br>red between the filing dat   | ication in the<br>close material                   |  |  |
| insofar as the subject matter manner provided by the first information as defined in Titl application and the national of APPLICATION SERIAL NUMBER OF ATTORNEY:   | r of each t paragray le 37, Coo or PCT int BER  | of the claims of this applica of of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE   | tion is not disclosed in th Code Section 112, I ack ction 1.56(a) which occur application:  STATUS (a  | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  | ication in the<br>close material<br>e of the prior |  |  |
| insofar as the subject matter manner provided by the first information as defined in Titl application and the national of APPLICATION SERIAL NUMBER OF ATTORNEY:  As a named inventor, I her   | r of each t paragrap e 37, Co- or PCT integer  BER  reby appor  | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:   | tion is not disclosed in the Code Section 112, I acknown application:  STATUS (  Place Customer Number Bar Code  | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  | ication in the<br>close material<br>e of the prior |  |  |
| insofar as the subject matter manner provided by the first information as defined in Titl application and the national of APPLICATION SERIAL NUMBER OF ATTORNEY:  As a named inventor, I her business in the Patent and Titles   | r of each t paragrap e 37, Co- or PCT integer  BER  reby appor  | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:   | tion is not disclosed in the Code Section 112, I acknown application:  STATUS (  and/or agent(s) to prose  | e prior United States applinowledge the duty to discred between the filing date of the detection of the dete | ication in the<br>close material<br>e of the prior |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tours Customer  Send Correspondence to  | r of each t paragrap le 37, Color PCT inf BER reby apporademark Number  | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:   | tion is not disclosed in the Code Section 112, I acknown application:  STATUS (  Place Customer Number Bar Code  | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  | ication in the<br>close material<br>e of the prior |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Toustomer  Send Correspondence to AGILENT TECHNOLOGIE Legal Department, 51U-F   | r of each t paragray le 37, Co- or PCT integer  reby appor rademark  Number  S, INC. PD   | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878   | tion is not disclosed in th Code Section 112, I ack ction 1.56(a) which occur application:  STATUS (  and/or agent(s) to prose  Place Customer Number Bar Code Label here  | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  | ication in the<br>close material<br>e of the prior |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tourishess in the Patent and Tourishess in the Customer  Send Correspondence to AGILENT TECHNOLOGIE   | r of each t paragray le 37, Co- or PCT integer  reby appor rademark  Number  S, INC. PD   | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878   | tion is not disclosed in the Code Section 112, I acknown as a composition of the Code Section 1.56(a) which occur application:  STATUS (and the Code Label here  Direct Telephone                                | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  ecute this application and the Calls To:  | ication in the<br>close material<br>e of the prior |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and To Customer  Send Correspondence to AGILENT TECHNOLOGIE Legal Department, 51U-F intellectual Property Administration in First Intellectual Property Administration Intellectual P | r of each t paragrap le 37, Co- or PCT integer reby apporademark  Number  S, INC. PD  | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878   | tion is not disclosed in the Code Section 112, I acknown application:  STATUS (  Place Customer Number Bar Code Label here  Gordon Stewart   | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  ecute this application and the Calls To:  | ication in the<br>close material<br>e of the prior |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and To Customer  Send Correspondence to AGILENT TECHNOLOGIE Legal Department, 51U-F Intellectual Property Adm P.O. Box 58043 Santa Clara, California 99   | r of each t paragrap t garagrap e 37, Coo or PCT integer  reby apporademark  Number  S, INC. D  ininistratio  5052-804  | of the claims of this applica of of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878  ments made herein of the second states and the second states are second states and the second states are second states and the second states are sec | place Customer Number Bar Code Label here  Direct Telephor  Gordon Stewart (650) 485-2386  | e prior United States applinowledge the duty to discred between the filing date patented/pending/abandoned)  ecute this application and the Calls To:  | ication in the close material e of the prior       |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and To AGILENT TECHNOLOGIE Legal Department, 51U-F Intellectual Property Adm P.O. Box 58043 Santa Clara, California 98 I hereby declare that a made on information a  | r of each t paragrap t paragrap e 37, Coo or PCT integer  eeby appor rademark  Number  S, INC. D  ininistratio  5052-804 all state and be   | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878  ments made herein of a lief are believed to be   | place Customer Number Bar Code Label here  Direct Telephor  Gordon Stewart (650) 485-2386  my own knowledge atrue; and further tha   | e prior United States applinowledge the duty to discred between the filing date of the detection of the prior of the detection of the detectio | statements   |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Toustomer  Send Correspondence to AGILENT TECHNOLOGIE Legal Department, 51U-Fintellectual Property Adm P.O. Box 58043 Santa Clara, California 9: I hereby declare that a made on information a with the knowledge imprisonment, or both   | r of each t paragrap le 37, Co- or PCT integer  reby appor rademark  Number  S, INC. D inistratio  5052-804 all state and be that wi , under  | of the claims of this applica of of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878  ments made herein of the second states and the second states are second states and the second states are second states and the second states are sec | place Customer Number Bar Code Label here  Direct Telephor  Gordon Stewart (650) 485-2386  my own knowledge at true; and further that and the like so ma 18 of the United Sta                                    | e prior United States applinowledge the duty to discred between the filing date of the detail of the | statements were made by fine or                    |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tourishess in the Patent and P.O. Box 58043 Santa Clara, California 99 I hereby declare that a made on information a with the knowledge imprisonment, or both   | r of each t paragrap t paragrap e 37, Coo or PCT integer  geby apporademark  Number  S, INC. PD hinistratio 5052-804 all state and be that with, under eopardi:   | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  ont the following attorney(s) Office connected therewith:  022878  ments made herein of the section 1001 of Title ze the validity of the ap  | place Customer Number Bar Code Label here  Direct Telephor  Gordon Stewart (650) 485-2386  my own knowledge at true; and further that and the like so ma 18 of the United Sta                                    | e prior United States applinowledge the duty to discred between the filing date of the detail of the calls To:  | statements were made by fine or                    |  |  |
| POWER OF ATTORNEY: APPLICATION SERIAL NUMB  Customer  Send Correspondence to AGILENT TECHNOLOGIE Legal Department, 51U-F Intellectual Property Adm P.O. Box 58043 Santa Clara, California 99  I hereby declare that a made on information a with the knowledge imprisonment, or both false statements may justice.  Full Name of Inventor: J h   | r of each t paragraphe 37, Cooper PCT into BER  reby apporademark  Number  S, INC. Doinistration  5052-804  all state and be that winder eopardine.   | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  ont the following attorney(s) Office connected therewith:  022878  ments made herein of the section 1001 of Title ze the validity of the ap  | place Customer Number Bar Code Label here  Direct Telephor  Gordon Stewart (650) 485-2386  Ty own knowledge at true; and the like so ma 18 of the United Staplication or any pater  Citizenship: US              | e prior United States applinowledge the duty to discred between the filing date of the detail of the calls To:  | statements were made by fine or                    |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tousiness in the Patent and P.O. Box 58043 Santa Clara, California 99 I hereby declare that a made on information a with the knowledge imprisonment, or both false statements may just and the patents of the Patents in | r of each t paragraphe 37, Color PCT integer appearance rademark  Number  S, INC. Doinistration  5052-804  all state and be that winder eopardicate to the color of the color | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  oint the following attorney(s) Office connected therewith:  022878  ments made herein of a lief are believed to be sillful false statements Section 1001 of Title ze the validity of the ap  cEnte  uld r Creek, County of   | place Customer Number Bar Code Label here  Direct Telephor Gordon Stewart (650) 485-2386  my own knowledge atrue; and further tha and the like so ma 18 of the United Staplication or any pater  Citizenship: US | e prior United States applinowledge the duty to discred between the filing date of the details application and the calls To:   | statements were made by fine or                    |  |  |
| POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tousiness in the Patent and P.O. Box 58043 Santa Clara, California 99 I hereby declare that a made on information a with the knowledge imprisonment, or both false statements may just and the patents of the Patents in | r of each t paragraphe 37, Color PCT integer appearance rademark  Number  S, INC. Doinistration  5052-804  all state and be that winder eopardicate to the color of the color | of the claims of this applica on of Title 35, United States de of Federal Regulations, Se ternational filing date of this a  FILING DATE  ont the following attorney(s) Office connected therewith:  022878  ments made herein of a lief are believed to be selfful false statements Section 1001 of Title ze the validity of the ap   | place Customer Number Bar Code Label here  Direct Telephor Gordon Stewart (650) 485-2386  my own knowledge atrue; and further tha and the like so ma 18 of the United Staplication or any pater  Citizenship: US | e prior United States applinowledge the duty to discred between the filing date of the detail of the calls To:  | statements were made by fine or                    |  |  |

## DECLARATION AND POW OF ATTORNEY FOR PATENT APPLICATION (continued)



| Full Name of # 2 joint inventor: | Jay K. Bass                                       | Citize         | enship: _ | US |  |  |  |  |
|----------------------------------|---|----------------|-----------|----|--|--|--|--|
| Residence:                       | City f Mountain View, County of Santa Clara       |                |           |    |  |  |  |  |
| Post Office Address:             | 1685 Tulan Drive, Mountain View, California 94040 |                |           |    |  |  |  |  |
| Jan L. Ba                        |   | 3   30         | D         |    |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
|                                  |   |                |           |    |  |  |  |  |
| Full Name of # 3 joint inventor: | Roy H. Kanemoto                                   | Citize         | enship: _ | US |  |  |  |  |
| Residence:                       | City of Palo Alto, County                         | of Santa Clara |           |    |  |  |  |  |
| Post Office Address:             | 3844 Nathan Way, Palo Alto, California 94303      |                |           |    |  |  |  |  |
| Pa H. Kanem                      | t   | 3/30           | 101       |    |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
|                                  |   |                |           |    |  |  |  |  |
| Full Name of # 4 joint inventor: |   | Citize         | enship: _ |    |  |  |  |  |
| Residence:                       |   |                |           |    |  |  |  |  |
| Post Office Address:             |   |                |           | •  |  |  |  |  |
| Inventor's Signature             | ·   | Date           |           |    |  |  |  |  |
|                                  |   | Date           | •         |    |  |  |  |  |
| Full Name of # E laint inventor  |   | Oini-          | <b></b>   |    |  |  |  |  |
| Full Name of # 5 joint inventor: |   | Citiz          | enship: _ |    |  |  |  |  |
| Residence:                       |   |                |           |    |  |  |  |  |
| Post Office Address:             |   |                |           |    |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
| •                                |   |                |           |    |  |  |  |  |
| Full Name of # 6 joint inventor  | :   | Citiz          | enship:   |    |  |  |  |  |
| Residence:                       |   |                |           |    |  |  |  |  |
| Post Office Address:             |   |                |           |    |  |  |  |  |
| · ost office Address.            |   |                |           | 3  |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
| • •                              |   |                |           |    |  |  |  |  |
| Full Name of # 7 joint inventor  | :   | Citiz          | zenship:_ |    |  |  |  |  |
| Residence:                       |   |                |           |    |  |  |  |  |
| Post Office Address:             |   |                | <u>.</u>  |    |  |  |  |  |
|                                  |   |                |           |    |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
| •                                |   |                |           |    |  |  |  |  |
| Full Name of # 8 joint inventor  | :   | Citiz          | zenship:_ |    |  |  |  |  |
| Residence:                       |   |                | <u> </u>  | ·  |  |  |  |  |
| Post Office Address:             |   |                | •         | ,  |  |  |  |  |
| Inventor's Signature             |   | Date           |           |    |  |  |  |  |
|                                  |   | 17976          |           |    |  |  |  |  |

BEST (AVAILABLE COPSIDERATORS)